

Title (en)
PROCESS FOR PRODUCING 1,2-PROPANEDIOL

Title (de)
VERFAHREN ZUR HERSTELLUNG VON 1,2-PROPANDIOL

Title (fr)
PROCEDE DE PRODUCTION DE 1,2-PROPANEDIOL

Publication
EP 1020421 A4 20020102 (EN)

Application
EP 98919629 A 19980518

Priority
• JP 9802166 W 19980518
• JP 12844797 A 19970519

Abstract (en)
[origin: EP1020421A1] The present invention provides a process for obtaining 1, 2-propanediol or optically active substances thereof in high yields and at a low cost using readily available starting materials. According to the process of the present invention, 3-halogeno-1, 2-propanediol of the general formula $\text{ÄI}\ddot{\text{U}}$ is catalytically hydrogenated in an alcoholic solvent having two or more carbon atoms in the presence of a base of an equivalent or less to the starting material to give 1, 2-propanediol of the formula $\text{ÄII}\ddot{\text{U}}$. In the formula $\text{ÄI}\ddot{\text{U}}$, X stands for a halogen atom. <CHEM>

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C07C 29/58 (2013.01 - EP US); **C07B 2200/07** (2013.01 - EP US)

Citation (search report)
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• [PY] SCHULTZE, LISA M. ET AL: "Practical synthesis of the anti-HIV drug, PMPA", TETRAHEDRON LETT. (1998), 39(14), 1853-1856, XP004109567
• See references of WO 9852893A1

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